Broadcom 5300 California Avenue Irvine, CA 92617 broadcom.com



August 18, 2016

Ex Parte

Marlene H. Dortch, Secretary Federal Communications Commission 445 12th Street SW Washington, DC 20554

Re: Notice of Oral Ex Parte: Current Trends in LTE-U and LAA Technology, ET Docket No. 15-105

Dear Ms. Dortch:

On August 16, 2016, I met telephonically with Chairman Wheeler's Legal Advisor Edward Smith. We discussed the development of the Wi-Fi Alliance LTE-U / Wi-Fi Coexistence Test Plan. I stressed that the steady drumbeat of complaints from LTE-U proponents did not represent reality.

I explained that the LTE-U proponents claims that the test plan does not represent significant compromises from the Wi-Fi community, and that the test unfairly favors Wi-Fi, are factually incorrect. In addition to the previous compromises made by companies seeking to protect Wi-Fi users (e.g., -82 dBm Test Level 3, removal of negative SINR scenarios), the two outstanding issues from the previous coexistence workshop (in device coexistence testing, multivendor Wi-Fi to Wi-Fi baseline) were decided in favor of the LTE-U proponents.

In light of these changes, continued LTE-U proponent complaints are merely a negotiating tactic—a hope that the FCC will tilt the private-sector process further in their favor. LTE-U proponents are attempting to limit the applicability of the test and to water down the draft plan to hide the true extent of LTE-U's impact on Wi-Fi users. If LTE-U proponents abandon the engineer-to-engineer coexistence test process and attempt to launch technologies that would violate the draft test plan, they will do real damage to American consumers. LTE-U proponents have long claimed that LTE-U is fairer to Wi-Fi than Wi-Fi is to itself. But now that we are nearing completion of a way to test that claim, it appears that they are becoming less and less comfortable with that assertion.

Pursuant to the Commission's rules, a copy of this notice is being filed electronically in the above-referenced docket. If you require any additional information please contact the undersigned.

Sincerely,

Christopher Szymanski

Director, Product Marketing and

Government Affairs

cc: meeting participant